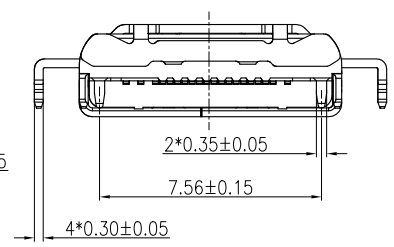
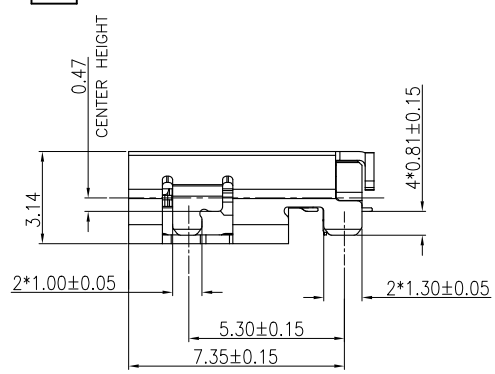
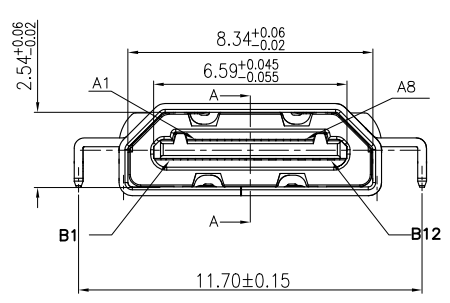
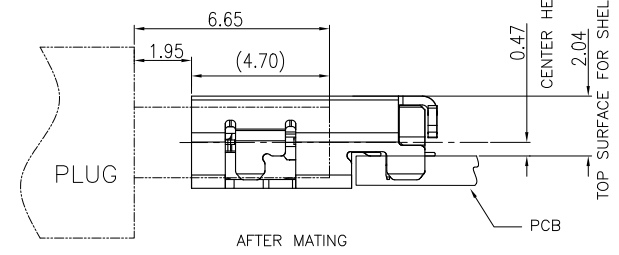
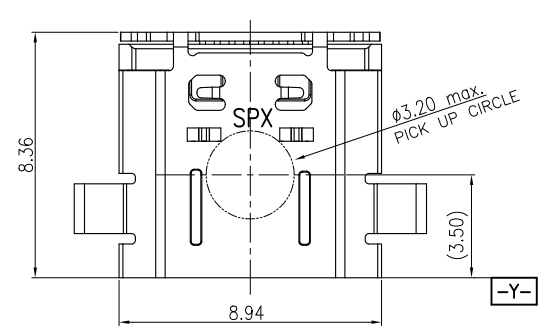


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	12/16'20



SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

1.1 CURRENT RATING:

A current of 1.25 A shall be applied collectively to A1~A8 pins and B5~B8 pins.

1.2 CONTACT RESISTANCE: INITIAL 40 mΩ Max.
AFTER 50 mΩ Max.

1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
1.4 INSULATION RESISTANCE: 100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS

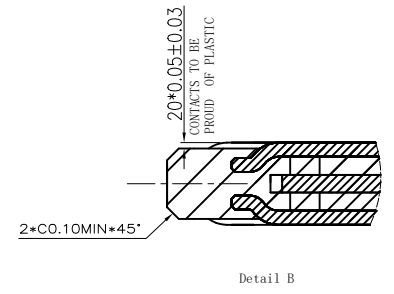
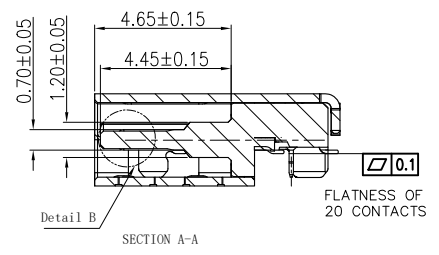
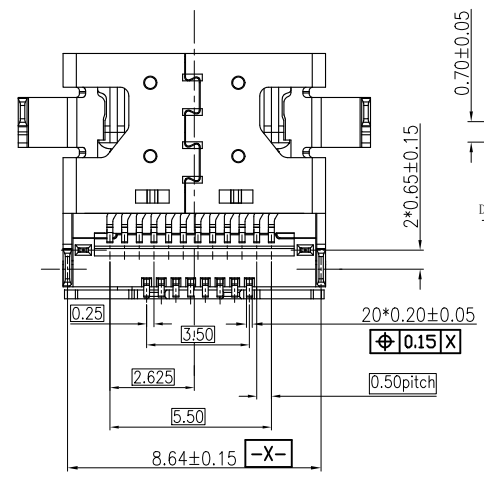
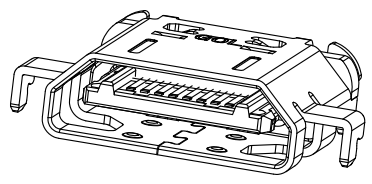
2.1 INSERTION FORCE: 5~20N
2.2 EXTRACTION FORCE: 6~20N;
2.3 DURABILITY:10,000CYCLES

3.ENVIRONMENTAL CHARACTERISTICS

3.1 TEMPERATURE RANGE: -40 °C ~ 90 °C
3.2 RECOMMENED PROCESS: IR REFLOW 260°C 10 SECONDS.

4.PART NO.:

1UBC089 E 20R1R-HF
HF:HALOGEN FREE
PLATING CODE:
F:GOLD FLASH(1u" min.)
E:Au:5u"
J:Au:15u"

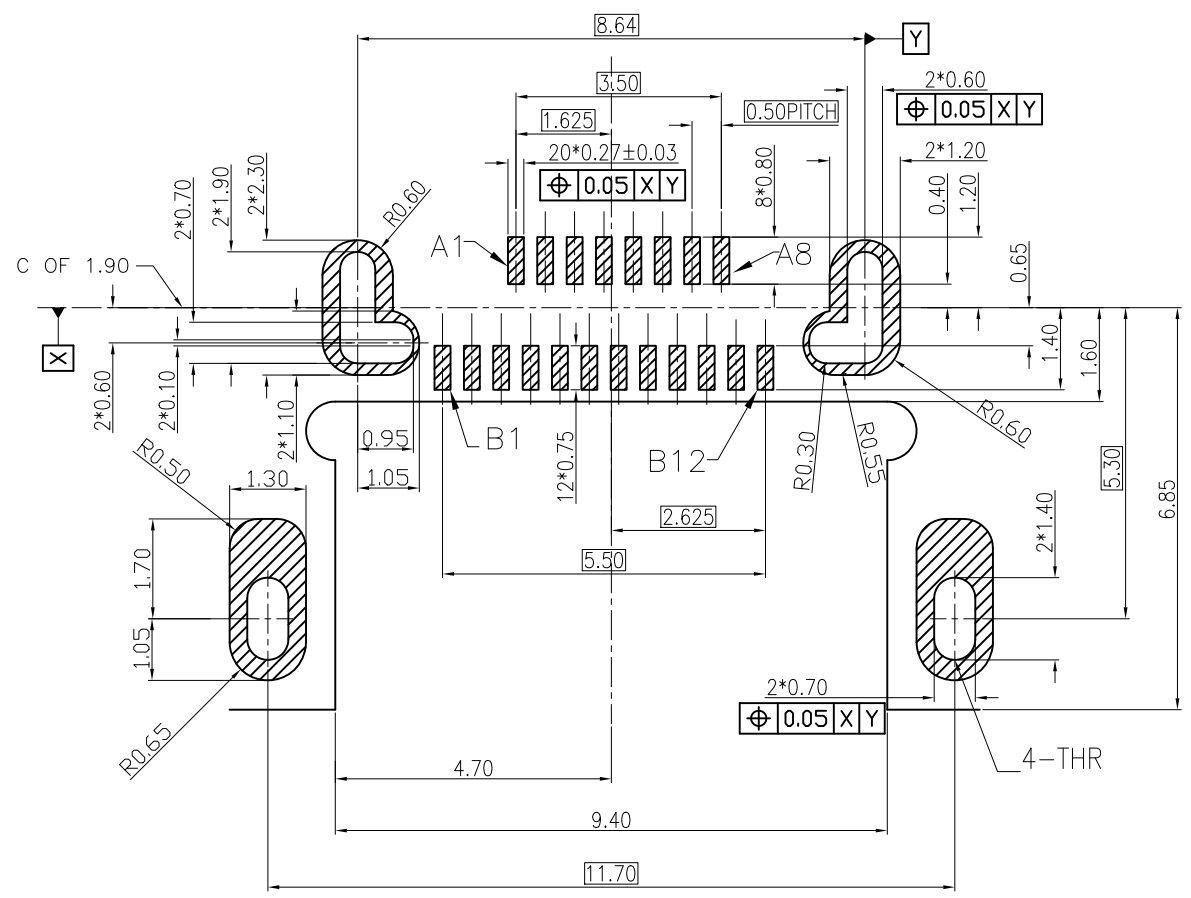


NO.	PART NAME.	QTY.	MATERIAL	FINISH
5	TOP CONTACT	1 SET	C18150	50u" MIN. NI UNDER PLATING.
4	BOTTOM CONTACT	1 SET	C18150	80u"MIN.MATTE TIN PLATING ON SOLDER AREA. GOLD PLATING ON CONTACT AREA.(SEE PART MUM)
3	MID PLATE	1 PCS	SUS 301	50u" MIN. SOLDERABLE NI PLATING OVERALL.
2	HOUSING	1 PCS	NYLON PA46	UL94V-0,BLACK.
1	SHELL	1 PCS	SUS304	Ni 30u" MIN.

GENERAL TOLERANCE		DRAWN	12/16/20	SCALE	PART NO.	1UBC089E20R1R-HF
X.±0.30	x.±1'	CHECKED	Ray.Lee	N/A	TITLE	MID MOUNT RECEPTACLE STARLINK CONNECTOR, SPACEX
.X±0.25	.x'±0.1'	APPROVED	Murray.Lu	UNITS	mm	
.XX±0.20		File NO.	UBC08901S	CUSTOMER DRAWING		
.XXX±0.10		REV.	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD			
SHEET	1/3	Q'TY	1	A		

此文件为双方检验的唯一标准
This document is the only standard tested by both parties.

REV.	ECN.NO.	MODIFY.CONTENT	DATE
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RECOMMENDED PCB LAYOUT TOP VIEW

DEFAULT TOLERANCE ±0.05

PCB Material: FR4(IPC4101);
 PCB Thickness: 1.2mm;
 Copper Thickness: 1oz
 ALL PAD NEED ADD TIN(THICK:0.10mm)

PIN ASSIGNMENT FOR DIRECT CONNECT APPLICATIONS

	A1	A2	A3	A4	A5	A6	A7	A8			
	OW	OW	O	O	GW	GW	G	G			
LAN	LAN	LAN	LAN	BRW	BR	BW	B	LAN	LAN	LAN	LAN
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

SPECIFICATION:

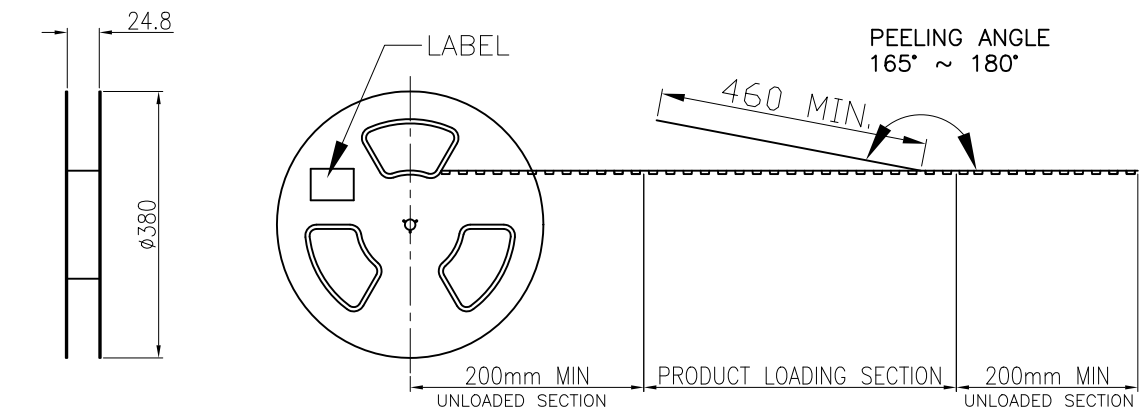
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING:
A current of 1 A shall be applied collectively to A1~A8 pins and B5~B8 pins.
 - CONTACT RESISTANCE: INITIAL 40 mΩ Max.
AFTER 50 mΩ Max.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
 - INSULATION RESISTNACE: 100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS
 - INSERTION FORCE: 5~20N
 - EXTRACTION FORCE: 6~20N
 - DURABILITY:10,000CYCLES
- ENVIRONMENTAL CHARACTERISTICS
 - TEMPERATURE RANGE: -40 °C ~ 90 °C
 - RECOMMENED PROCESS: IR REFLOW 260°C 10 SECONDS.
- PART NO.:

1UBC089 E 20R1R-HF
 HF:HALOGEN FREE

PLATING CODE:
 F:GOLD FLASH(1u" min.)
 E:Au:5u"
 J:Au:15u"
 K:Au:30u"

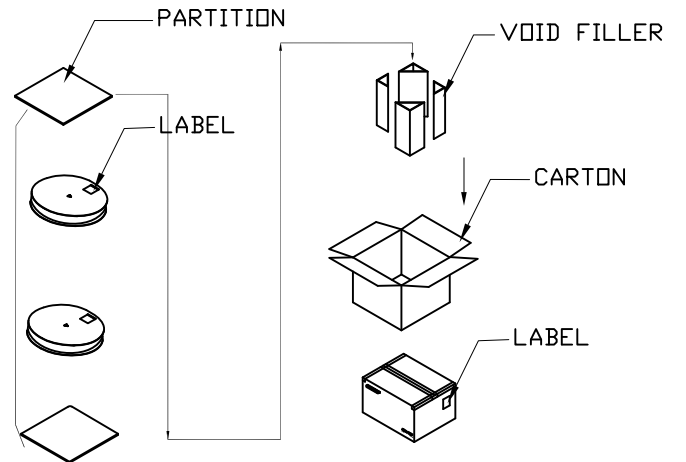
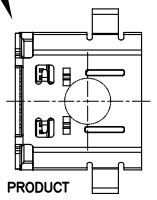
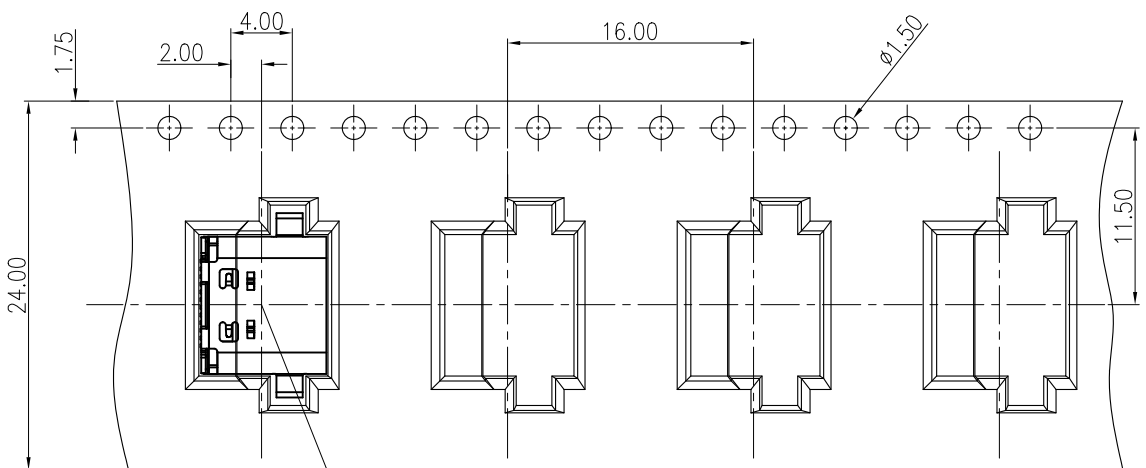
GENERAL TOLERANCE		DRAWN	12/16'20	SCALE	PART NO.	1UBC089E20R1R-HF
X.±0.30	x.±1°	CHECKED	Ray.Lee	N/A	TITLE	MID MOUNT RECEPTACLE
.X±0.20	.x'±0.1°	APPROVED	Murray.Lu	UNITS	mm	STARLINK CONNECTOR, SPACEX
.XX±0.10		File NO.	UBC08901S			CUSTOMER DRAWING
.XXX±0.05		REV.	蘇州祥龍嘉業電子科技股份有限公司			
SHEET	2/3	Q'TY	1	A	Goldenconn Electronics Technology Co.,LTD	

REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	---	FIRST VERSION	12/16'20



- NOTES :
- MATERIAL :
COVER TAPE : P.S T=0.05mm
CARRIER TAPE : P.S T=0.40mm
CARTON: CORRUGATED FIBER
 - DIMENSION :
REEL : SEE DRAWING
SHIPPING BOX: 400X400X300mm
 - QUANTITY : SEE TABLE
 - PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
 - PEELING SPEED : 300mm/MINUTES

PULL OUT DIRECTION
→



1100	9	9900
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	Gary.fan	12/16'20	SCALE	PART NO.	1UBC089E20R1R-HF
X.±0.40	x.°±1'	CHECKED	Ray.Lee	12/16'20	N/A	TITLE	MID MOUNT RECEPTACLE
.X±0.30	.x'±0.1'	APPROVED	Murray.Lu	12/16'20	UNITS	mm	STARLINK CONNECTOR, SPACEX
.XX±0.25		File NO.	UBC08901S				CUSTOMER DRAWING
.XXX±0.10		REV.	蘇州祥龍嘉業電子科技股份有限公司				
SHEET 3/3		Q'TY	1	A	Goldenconn Electronics Technology Co.,LTD		